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1 59. An elongated bone implant for use in spinal fusions, said bone implant comprising a
2 section of bone that comprises a first side face and a second side face opposite said first
3 side face, an anterior end and a posterior end opposite said anterior end, a first side wall
4 and a second side wall opposite said first side wall, wherein said first side wall and said
5 second side wall extend between said first and second side faces, and wherein said
6 second side wall defines either a concave surface or both linear and concave surfaces.

1 60. The elongated bone implant of claim 59, wherein said first side wall defines a convex
2 surface.

1 61. The elongated bone implant of claim 59, wherein said elongated bone implant is
2 comprised of autograft, allograft, or xenograft cortical or cancellous bone.

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1 62. The elongated bone implant of claim 59, wherein said anterior end has a dimension of
2 about 4 mm to about 5 mm coursing from said first side wall to second side wall.

1 63. The elongated bone implant of claim 59, wherein said posterior end has a dimension
2 of about 4 mm to about 6 mm coursing from said first side wall to second side wall.

1 64. The elongated bone implant of claim 59, wherein said concave surface has a
2 curvature relating to an angle of about 60 degrees to about 75 degrees.

1 65. The elongated bone implant of claim 59, wherein said first side face, second side
2 face, or both are machined to display a rough, ridged or grooved surface to aid in
3 preventing said bone implant from moving out of place.

1 66. The elongated bone implant of claim 65, wherein said first and second side faces are
2 machined to display ridges that are configured to prevent sliding of said bone implant
3 back toward the direction from which said bone implant is inserted.

71. The method of claim 70, wherein said elongated bone implant is positioned such that
said anterior end is directed toward the anterior side of said patient and said posterior
end is directed toward the posterior side of said patient.